PRODUCT DATASHEET



v1.0 | September 2024



PRODUCT DETAILS

Product name Pro-Prime® Bitumen

Product type

Primer

PRODUCT DESCRIPTION

Pro-Prime[®] Bitumen is a bituminous elastomeric primer suitable for the preparation of surfaces to receive heat activated and self-adhesive membranes.

It is also suitable for installations using cold bond adhesive systems due to its higher elasticity and improved adhesion to surfaces. It also provides a better adhesion on slightly damp surfaces.

APPLICATION

Pro-Prime® Bitumen can be applied to the following substrates:

- Concrete
- Metal
- Asphalt

Pro-Prime® Bitumen is suitable for the following roof types:

- Inverted flat roofs
- Green roofs
- Zero-fall inverted flat roofs
- Blue roofs
- Terraces

- Podiums
- Balconies
- Roof gardens

INSTALLATION

Warm roofs

Substrate preparation

- Oil, dust, and debris should be removed by brush and vacuum
- Surface areas should be cleaned thoroughly to remove all traces of contaminants and left to dry
- Repair substrate defects such as holes, voids, tears, and cracks, using suitable materials
- All loose and friable material must be removed by mechanical means where necessary
- Any defective or decayed areas of the substrate or insulation should be cut out, repaired, and reinstated to provide a solid base

Installation method

- Pro-Prime® Bitumen is ready for use
- The installation can be done by broom, spray, roller, and brush to a coverage rate of 0.2 L/m²
- Coverage rate is dependent on surface absorption
- Normal drying time is approximately 1 hour after installation
- Drying time is determined by the porosity of the concrete, the applied quantity and both the ambient and surface temperatures.
- The tools are cleaned with Proteus Pro-Tool/Surface Cleaner

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PRO-PRIME[®]

BITUMEN

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CERTIFICATION

Туре	Name	Reference	
BBA	Hot Melt®	22/6186	

TECHNICAL INFORMATION

Characteristic	Value	Unit	
Boiling Range	40 - 180 °C		
Density	0.95 - 1.02	kg/L	
Yield	~ 5	m²/L	
Coverage rate	~ 0.2	L/m ²	
Weight	~ 200	g/m²	
Drying time out of dust	30 ±10	minutes	
Viscosity TF4 at 20°C	60 ±10	seconds	
Flash point in closed pail	< 21	°C	
Dry time	~ 60	minutes	

SIZE AND COLOUR

Product Code	Diameter (cm)	Height (cm)	Volume (L)	Coverage (m ²)	Colour
ACPRBI20	31	36	20	~ 100	Black

SHELF LIFE AND HANDLING

Always use relevant safe manual handling techniques relevant to a products size and weight.

MATERIAL

Oxidized bitumen, elastomeric resins, and pure solvents.

PACKAGING

20L tin.

LIMITATIONS OF USE

For professional use only.

CHEMICAL PROPERTIES, SAFETY GUIDANCE AND DISPOSAL

Please refer to Pro-Prime® Bitumen Material Safety Datasheet.

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GUARANTEES

Defects arising from lack of maintenance or abnormal use may fall outside of the cover of the Proteus Waterproofing guarantee.

GUIDELINES AND STANDARDS

It is the responsibility of the Contractor to thoroughly familiarise themselves with all relevant Codes of Practice and Building Regulations to the works or referred in the specification.

Proteus Waterproofing take no responsibility for misinterpretation or lack of knowledge for third parties.

The works shall be carried out in accordance with the requirements of:

- **BS 6229** Flat roofs with continuously supported flexible waterproof coverings Code of practice
- BS 8217 Reinforced bitumen membranes for roofing Code of practice
- BS 8000-0 Workmanship on construction sites Introduction and general principles
- BS 8000-4 Workmanship on building sites Code of practice for waterproofing
- LRWA Design Guide for Specifiers
- S2T Safe to Torch
- GRO Code of Best Practice

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